MITSUBISHI ELECTRIC

Cooling and Heating Solutions

Residential and Select Commercial Comfort Systems

www.mitsubishicomfort.com

“Comfort” is a concept many of us notice most when we’re uncomfortable. And comfort is our #1 priority at Mitsubishi Cooling and Heating Solutions.

Our innovative split zoned cooling and heating systems are designed to improve the quality of life for you and your family with personalized comfort control. Their cutting edge, environmentally sensitive technologies also make them some of the most efficient HVAC systems in the world.

Perhaps your home has a room that’s always too hot or too cold. Or, perhaps you’re looking for a way to precisely control the climate in several rooms in your home, or in a new addition. No matter what your cooling and heating needs may be, Mitsubishi systems are the perfect way to transform your home into a comfortable oasis.

Mitsubishi Electric Cooling and Heating Solutions

Split zoning technology is a primary source of year-round comfort control world wide. Mitsubishi has been available in the U.S. for almost 30 years, but is increasing in popularity because it provides comfort and is efficient.

Mitsubishi Electric's split zoning systems use refrigerant lines to connect an outdoor unit to one or multiple indoor air handlers, increasing the energy efficiency within a home. Advanced technologies are used to help you precisely control the temperature of each room that has an indoor unit and allows you to condition only the rooms in use.

Using a wireless remote or wall-mounted controller for each space, your Mitsubishi Electric system allows a truly personal level of comfort control. Environmentally friendly refrigerants, advanced filtration systems and high SEER ratings come standard on the full product line.

This synergy of application, technique and advanced technology delivers true eco-comfort for your home or work space.

M-SERIES: 9,000-36,000 Btu/h
Residential and Light Commercial Applications

System Overview and Technology..... *04 - 07*

System Showcase..... *08 - 09*

SINGLE-ROOM

MS/MSY WALL-MOUNTED:
Air Conditioners..... *10 - 11*

MSZ WALL-MOUNTED:
Air Conditioners and Heat Pumps..... *12 - 13*

MULTI-ROOM

Overview of Multi-Room Systems..... *14 - 15*

MSZ-A WALL-MOUNTED and **SEZ** DUCTED INDOOR UNITS WITH **MXZ MULTI-ROOM** SYSTEMS
Air Conditioners and Heat Pumps..... *16 - 17*

MXZ-2B20NA MULTI-ROOM Systems..... *18 - 19*

SEZ Indoor Unit Performance Curves..... *20*

MXZ Multi-Room System Combination Options. *21 - 23*

ENERGY STAR PARTNER

How environmentally friendly are Mitsubishi Electric systems?

9 systems ENERGY STAR® rated

8 systems qualify for the Federal Tax Credit offered through the American Reinvestment and Recovery Act. The tax credit is for 30 percent of total system and installation costs, up to $1,500, and can be used for a qualified cooling-only, heat pump or 2-to-1 multi-room heat pump system.

For details on qualifying for the Tax Credit, visit www.mitsubishicomfort.com/taxcredit or ask your contractor.

For information on available local rebate opportunities from state or utility companies, visit www.dsireusa.org.

	Energy Star	Tax Credit
Cooling-only	MSY/MUY-GE09NA MSY/MUY-GE12NA MSY/MUY-GE15NA	MSY/MUY-GE09NA MSY/MUY-GE15NA
Heat Pump	MSZ/MUZ-GE09NA MSZ/MUZ-GE12NA MSZ/MUZ-GE15NA MSZ/MUZ-FE09NA MSZ/MUZ-FE12NA	MSZ/MUZ-GE09NA MSZ/MUZ-GE12NA MSZ/MUZ-GE15NA MSZ/MUZ-FE09NA MSZ/MUZ-FE12NA
Multi-room Heat Pump	MXZ-2B20NA (with 2-MSZ-GE09)	MXZ-2B20NA (with 2-MSZ-GE09)

Bedrooms, living rooms, dining rooms, basements, sunrooms, new additions and renovations are applications that can take full advantage of the single and multi-room Mitsubishi systems.

Mitsubishi System Technologies:

a user-friendly zoned residential and light commercial personalized comfort solution (M-Series wall-mounted and ducted systems)

Comfort is a home that's cool and dry in the summer and cozy and warm in the winter. This environment is what you get with the Mitsubishi Electric system: perfect year-round comfort.

Mitsubishi Electric indoor units are easy to install practically anywhere:
– High on the wall, to blend into a room without taking up window space
– In the ceiling or below the floor and totally out of sight (on ducted systems)

Heat pump systems feature auto mode cooling/heating changeover, which automatically switches the system between cooling and heating to compensate for fluctuating temperatures. They're nearly silent – their fans deliver air quietly and continuously with only a gentle whoosh for constant circulation and filtration. For this reason, Mitsubishi ductless systems have long been the choice of thousands of homes, churches, schools and libraries across the U.S.

Our systems are the perfect way to cool or heat any single room or multiple rooms in your home or office to attain personal comfort.

Technology Benefits of Mitsubishi Systems

Features	Benefits
INVERTER TECHNOLOGY IN THE COMPRESSOR	Maximizes energy savings by making sure only the energy needed to cool or heat an area is used.
EASY INSTALLATION FOR YOUR CONTRACTOR	Installs quickly and easily, having no need for major construction and remodeling.
COMPLETE ZONE CONTROL	Realizes maximum control and energy efficiency by cooling and heating only those spaces in use.
ADVANCED MICROPROCESSOR TECHNOLOGY	Creates a comfortable environment no matter what conditions are outside with our advanced self-monitoring controls.
PERSONAL COMFORT CONTROL	Convenient comfort control of temperature, fan speed and air direction in the specific zone with our remote or wired controller.
WASHABLE LONG-LIFE ANTI-ALLERGEN FILTERS	Improves air quality and saves money by being washable rather than having to replace the filter.
AUTO COOL/HEAT CHANGEOVER	Heat pump switches automatically from cooling to heating (MUZ Systems).
ENVIRONMENTALLY FRIENDLY REFRIGERANT	Uses R410A, an environmentally friendly refrigerant and a high percentage is recycleable.

Cutting-edge Technology

In every aspect of a Mitsubishi Electric system, advanced technology is used to increase energy efficiency and eco-friendliness while providing innovative comfort control.

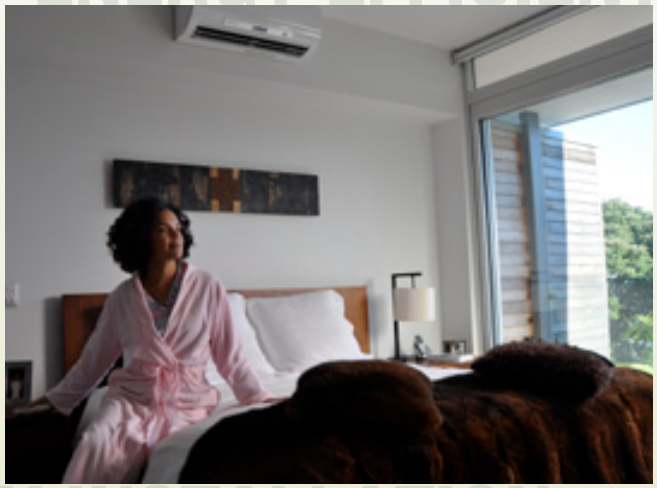
Our technology includes:
- INVERTER-driven compressors
- tremendous heating performance in Hyper-Heating INVERTER (H2i®) systems
- expanded filter systems
- i-see™ sensor accessory (select models)

Innovative Compressor Technology

INVERTER-driven compressor systems in the outdoor unit detect subtle changes in temperature and, like a car's cruise control, automatically adjust compressor speed – unlike conventional units, which start and stop repetitively. Special components within the compressor increase the magnetic flux and reduce its weight, allowing the compressor to generate higher energy efficiencies with better performance than ever before – at low levels of sound during start-up and running.

INVERTER

COMFORT CONTROL ENERGY EFFICIENT



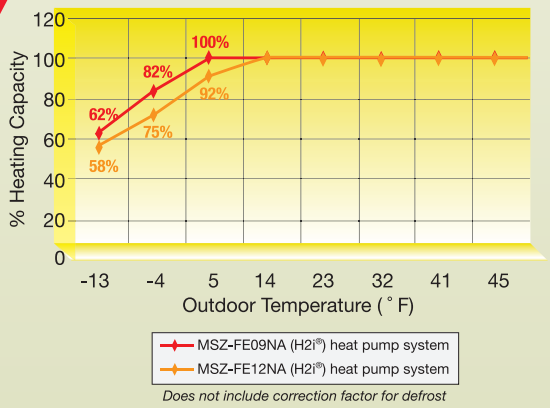
ZONING EASY INSTALLATION

Heat, and Lots of It

With the advanced technology added to the already innovative INVERTER compressor the MSZ-FE high-efficiency systems are not only ENERGY STAR® rated and Tax Credit qualified, providing up 26 SEER, they can provide exceptional heating performance.

These systems provide heating to -13˚ F and produce up to 100% heating capacity at 5˚ F (MSZ-FE09; 92% capacity at 5˚ F for MSZ-FE12). That is year-round comfort in extreme climates while being extremely energy-efficient.

MSZ-FE Hyper-Heating INVERTER
% Heating Capacity vs. Outdoor Temperature



Does not include correction factor for defrost

Energy Efficiency Recognized

Mitsubishi Electric ductless cooling-only and heat pump systems are so energy efficient that **nine systems** – 45 percent of our residential INVERTER-driven systems – are ENERGY STAR rated.

Extra Energy Savings

Eight (8) Mitsubishi Electric residential M-Series systems qualify for the Economic Stimulus Tax Credit. By investing in your home's energy efficiency, you could qualify for up to $1,500 in federal tax credits.

For details on how to qualify, visit www.mitsubishicomfort.com/taxcredit or ask your contractor.

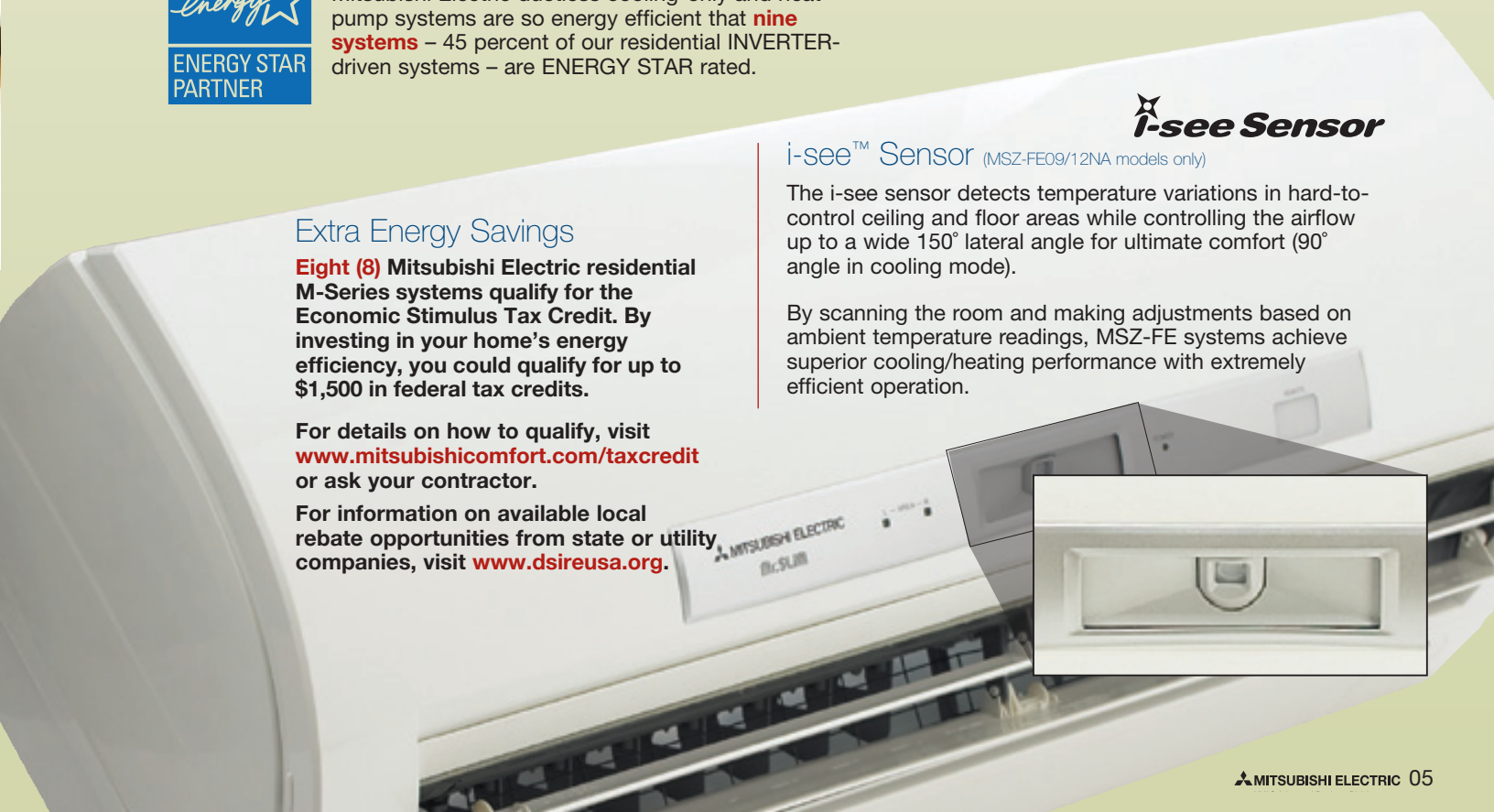
For information on available local rebate opportunities from state or utility companies, visit www.dsireusa.org.

i-see Sensor

i-see™ Sensor (MSZ-FE09/12NA models only)

The i-see sensor detects temperature variations in hard-to-control ceiling and floor areas while controlling the airflow up to a wide 150˚ lateral angle for ultimate comfort (90˚ angle in cooling mode).

By scanning the room and making adjustments based on ambient temperature readings, MSZ-FE systems achieve superior cooling/heating performance with extremely efficient operation.



Superior Operation

Advanced Control Technology

Through Mitsubishi's advanced controls technology the indoor unit is powered by the outdoor unit. Three polarity sensitive wires plus a ground conductor run from the outdoor to the indoor unit, providing both power and communication. An advanced wireless remote control is standard on all ductless models. An optional wired on-the-wall controller is available for wall-mounted indoor units on INVERTER systems (also requires MAC-397 adapter) while standard on ducted units.

Quiet Operation

Do you hear that? No? You barely hear our systems because Mitsubishi indoor units operate with barely a whisper. For example:

Police siren	118 decibels
Circular saw	107 decibels
Vacuum cleaner	74 decibels
Library reading room	33 decibels
Whisper-tone voice	35 decibels
Our Indoor Units (at low speed)	**19 - 34 decibels**

Did you hear that? We hope you did.

Warm Air, No Drafts

Our hot-start heat pump technology provides warmth from the beginning. The fan increases in speed as the coil is warmed, reducing drafts so when you want warm air, you'll get it.

System Control in the Palm of Your Hand

Mitsubishi Electric offers a comprehensive remote controller that controls temperature, fan speed and more. Choose from four modes: COOL, HEAT, AUTO and DRY. The controller also has a 12-hour ON/OFF timer for one-button control of your personal comfort.

Auto Changeover on Heat Pump Systems (MUZ outdoor units)

Our heat pump systems sense whether a space needs cooling or heating and automatically switch modes as needed to maintain a consistent temperature within the selected range of a single zone.

Easy to Maintain

With easily accessible filters, little or no ductwork to clean, and uncomplicated wiring connection points between the indoor and outdoor units, Mitsubishi systems rely on minimal maintenance, providing another level of comfort.

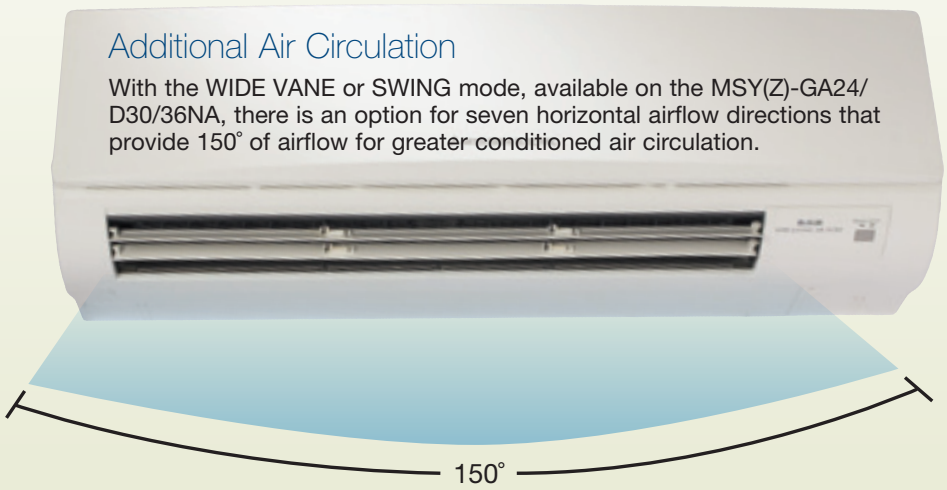
WHISPER QUIET HEALTHIER AIR

COMFORT SET IT AND FORGET IT

Total Comfort

Additional Air Circulation

With the WIDE VANE or SWING mode, available on the MSY(Z)-GA24/D30/36NA, there is an option for seven horizontal airflow directions that provide 150˚ of airflow for greater conditioned air circulation.



Programmable Comfort

Smart Set featured on MSZ-GE systems provides the option to program multiple settings into one 'quick' press feature providing an additional level of comfort control.

The POWERFUL mode (found on select systems) is available to cool or heat any desired space quickly by lowering the set temperature in cooling mode or raising the set temperature in heating mode, both by 7˚ F. In Powerful Mode, the fan speed increases for 15 minutes then resumes standard operation.

Multiple Filters for Cleaner, Healthier Air

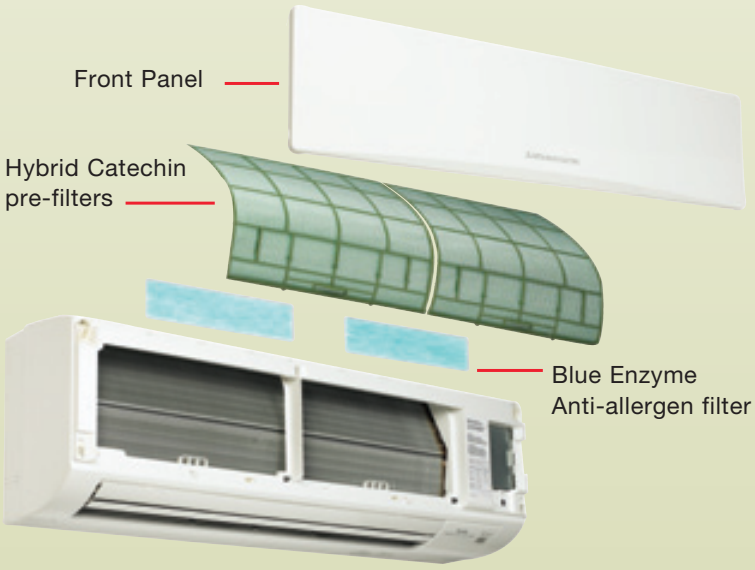
Mitsubishi indoor units use a sophisticated multi-part filter system to remove contaminants such as allergens, viruses and bacteria from the air as it circulates.

The hybrid catechin pre-filter absorbs odor-causing gases. A Blue-Enzyme anti-allergen filter reduces germs, bacteria and viruses and helps trap dust, pollens, mites and other particles; the filter uses an enzyme catalyst to help break down the sulfur atom bonds in allergen proteins, transforming them into non-allergen proteins.

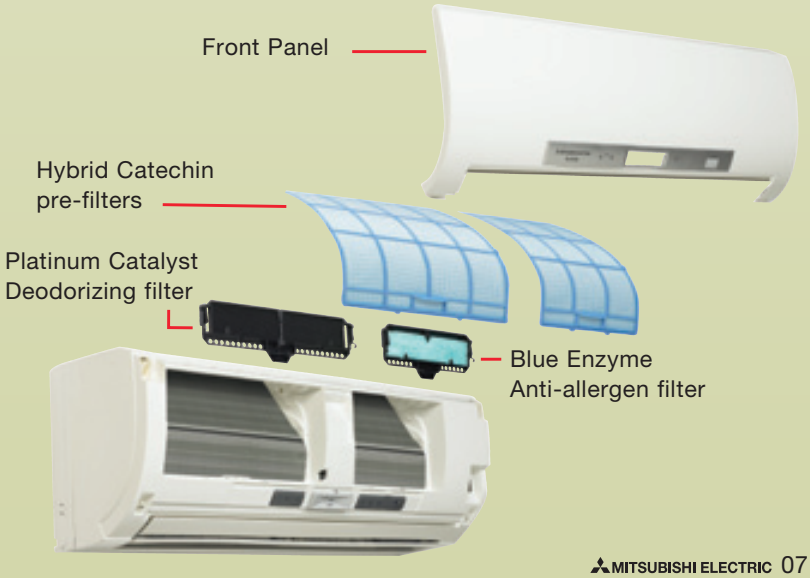
A hybrid-coating process makes the catechin filter washable and, if properly maintained with monthly cleanings, effective for more than 10 years.

The high-efficiency MSZ-FE09/12NA indoor units incorporate the standard Catechin filter plus two more filters for triple filtration. The second filter, a Blue-Enzyme filter made of a fibrous material, also render allergens harmless using enzymes. The third filter, a Platinum Catalyst Deodorizing filter, has a ceramic surface absorption element and uses nanotechnology for high power odor absorption. This combination of filter types provides a complete air purifying system along with the ultimate comfort solution.

STANDARD FILTER SYSTEM (USED IN MSY/MSZ-GE/GA/D MODELS)



ENHANCED FILTER SYSTEM (USED IN MSZ-FE09/12NA MODELS)



Product Line-Up Showcase

SYSTEM MODELS AND CONTROLLERS

SINGLE-ROOM, WALL-MOUNTED A/C (cooling only)

MS/MU
Air Conditioners
9,500 to 12,000 Btu/h
13 SEER

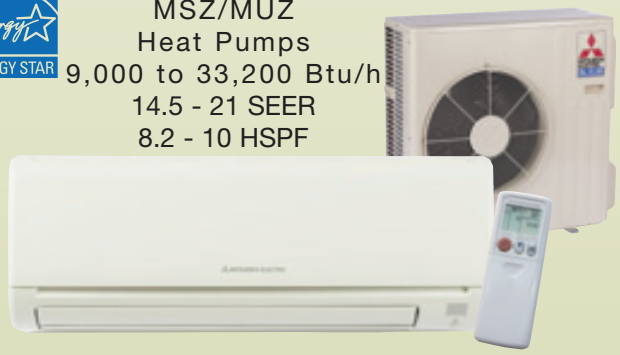
- Available in cooling only
- Uses a non-INVERTER compressor
- Wireless remote controller
- Ideal for applications such as
  - Bedrooms, garages and bonus rooms in warm climates
  - Video monitoring room

MSY/MUY
Air Conditioners
9,000 to 34,600 Btu/h
15.1 - 21 SEER

- Available in cooling only
- INVERTER-driven compressor
- Wireless remote controller
- WIDE Vane buttom for a wider angle of air low, 150˚ from left to right (on GA24/D30/D36 models)
- Ideal for applications such as
  - Bedrooms, garages and bonus rooms in warm climates

SINGLE-ROOM, WALL-MOUNTED HEAT PUMPS (cooling and heating)

MSZ/MUZ
Heat Pumps
9,000 to 33,200 Btu/h
14.5 - 21 SEER
8.2 - 10 HSPF



- INVERTER-driven compressor
- Provides cooling and heating in a wide range of capacities
- Wireless remote controller
- WIDE Vane bottom for a wider angle of air flow, 150˚ from left to right (on GA24/D30/D36 models)
- Ideal for applications such as:
  - Bedrooms, home offices, living rooms, dining rooms, bonus rooms, basements, kitchens, guard houses and more

The following is a quick reference list of the residential cooling-only, heat pump and multi-room heat pump systems that are ENERGY STAR® and Tax Credit qualified.

Visit www.mitsubishicomfort.com/taxcredit for additional information on how to apply for the tax credit.

	Energy Star	Tax Credit
Cooling-only	MSY/MUY-GE09NA MSY/MUY-GE12NA MSY/MUY-GE15NA	MSY/MUY-GE09NA MSY/MUY-GE15NA
Heat Pump	MSZ/MUZ-GE09NA MSZ/MUZ-GE12NA MSZ/MUZ-GE15NA MSZ/MUZ-FE09NA MSZ/MUZ-FE12NA	MSZ/MUZ-GE09NA MSZ/MUZ-GE12NA MSZ/MUZ-GE15NA MSZ/MUZ-FE09NA MSZ/MUZ-FE12NA
Multi-room Heat Pump	MXZ-2B20NA (with 2-MSZ-GE09)	MXZ-2B20NA (with 2-MSZ-GE09)

Up to 26 SEER!

MSZ/MUZ-FE09/12NA
High-Efficiency Heat Pumps
9,000 and 12,000 Btu/h
23 - 26 SEER
10 - 10.6 HSPF

- INVERTER-driven compressor
- Quite operation as low as 19dB(A)
- i-see™ sensor technology
- Enhanced filtration system
- H2i® high heat capabilities (see page 12)
  - MSZ-FE09 is 100 percent @ 5˚ F
  - MSZ-FE12 is 92 percent @ 5˚ F

MULTI-ROOM HEAT PUMP with WALL-MOUNTED and DUCTED INDOOR UNITS
(cooling and heating)

MXZ Multi-Room INVERTER Heat Pump with MSZ Wall-mounted and/or SEZ Ducted Indoor Units 20,000 to 36,000 Btu/h

- Connect multiple indoor units (wall-mounted and/or ducted)
- INVERTER-driven compressor
- Provides cooling and heating in a wide range of capacities
- Ideal for applications such as:
  - Bedrooms, home offices, living rooms, dining rooms, bonus rooms, basements, kitchens and more

For more information on multi-room systems refer to pages 14-23.

ENERGY STAR

ALL NEW MXZ-2B20NA IS CERTIFIED ENERGY STAR AND FEDERAL TAX CREDIT QUALIFIED!!
(WHEN USED WITH TWO-MSZ-GE09NA INDOOR UNITS)

Ducted Personal Comfort (SEZ for MXZ systems only)

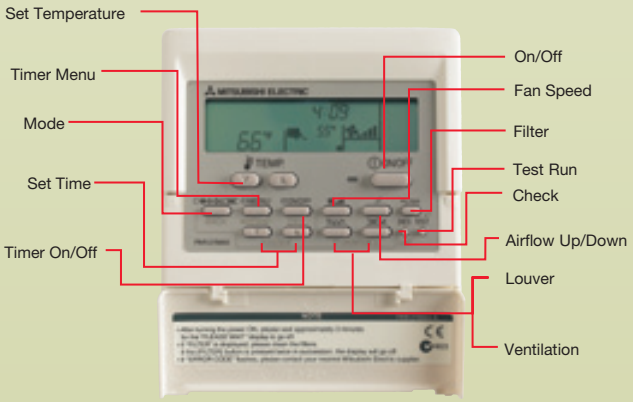
If you are looking for discrete zoned comfort control, then a ducted unit is right for you. When connected to a MXZ multi-room system, the SEZ ducted units provide you with energy efficiency, quiet operation, and a compact design for quick, easy installation either hidden in the ceiling or beneath the floor.

These models offer the added flexibility of working in tandem with ductless models on the same system, providing a wide array of installation options to best fit your application needs.

For more information, see our MXZ multi-room section on pages 14 - 23.

WIRELESS and WIRED REMOTE CONTROLLERS

Wireless remote controller for wall-mounted systems



Wired controller for the SEZ ducted indoor unit. (optional controller for wall-mounted systems and requires MAC-397 adapter)

(MS-A12WA MODEL SHOWN)

MS/MSY COOLING-ONLY

NON-INVERTER

Model Name	Indoor Unit		MS-A09WA	MS-A12WA
	Outdoor Unit		MU-A09WA	MU-A12WA
Cooling *1	Rated Capacity	Btu/h	9,500	12,000
	Capacity Range	Btu/h	-	-
	Total Input	W	870	1,070
	Energy Efficiency	SEER	13	
	Moisture Removal	Pints/h	2.7	3.2
	Sensible Heat Factor		0.68	0.70
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 115V *2	
Voltage	Indoor - Outdoor L1-N-2		AC 115V	
	Indoor - Outdoor L1-N-2		AC 115V	
	Indoor - Remote Controller		Wireless Type	
Indoor Unit	MCA	A	1.2	
	Fan Motor	F.L.A.	0.95	
	Airflow (Lo-Med-Hi)	DRY (CFM)	183-261-335	222-286-406
		WET (CFM)	162-233-300	198-254-363
	Sound Pressure Level (Lo-Med-Hi)	dB(A)	26-32-40	33-38-45
	External Finish Color		Munsell No. 1.0Y 9.2/0.2	
	Dimension Unit	W: In.	30-11/16	
		D: In.	8-1/4	
		H: In.	11-3/4	
	Weight Unit	Lbs.	23	
	Field Drainpipe Size O.D.	In.	5/8	
Outdoor Unit	MCA	A	14	16
	MOCP	(Time Delay) A	15	20
	Fan Motor	F.L.A.	0.63	0.93
	Compressor	Model (Type)	Single Rotary	
		R.L.A.	9.3	10.82
		L.R.A.	47	56
	Airflow	CFM	1,083	1,327
	Refrigerant Control		Capillary Tube	
	Sound Pressure Level (Cooling) *1	dB(A)	47	52
	External Finish Color		Munsell No. 3Y 7.8/1.1	
	Dimensions	W: In.	31-1/2	33-7/16
		D: In.	11-1/4	11-7/16
		H: In.	21-5/8	23-13/16
	Weight	Lbs.	78	96
Remote Controller	Type		Wireless Remote	
Refrigerant	Type		R410A	
	Charge	Lbs., Oz.	2, 5	3, 1
	Oil	Type (Fl. Oz.)	NE022 (10.8)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8	1/2
	Liquid Side O.D.		1/4	
	Height Difference (Max.)	Ft.	35	
	Length (Max.)		65	
Connection Method	Indoor/Outdoor		Flared/Flared	

NOTES: Test conditions are based on AHRI 210/240.

*1 Rating conditions (cooling) - Indoor D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

(MSY-GE17NA MODEL SHOWN)

INVERTER

R410A

MSY COOLING-ONLY (CONT.)

ENERGY STAR TAX CREDIT

ENERGY STAR

ENERGY STAR TAX CREDIT

Model Name	Indoor Unit		MSY-GE09NA	MSY-GE12NA	MSY-GE15NA	MSY-GE18NA	MSY-GA24NA	MSY-D30NA	MSY-D36NA
	Outdoor Unit		MUY-GE09NA	MUY-GE12NA	MUY-GE15NA	MUY-GE18NA	MUY-GA24NA	MUY-D30NA	MUY-D36NA
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	17,200	22,000	30,700	34,600
	Capacity Range	Btu/h	3,800-12,200	3,800-13,600	3,100-18,200	3,700-18,700	4,400-22,000	9,800-30,700	9,800-34,600
	Total Input	W	660 (205-1,200)	960 (205-1,300)	1,080 (160-2,000)	1,640 (240-2,070)	2,500 (270-2,500)	3,380 (620-3,380)	4,240 (620-4,240)
	Energy Efficiency	SEER	21	20.5	21	19.2	17.5	16	15.1
	Moisture Removal	Pints/h	1.5	2.5	2.7	4.6	7.3	9.9	11.9
	Sensible Heat Factor		0.82	0.74	0.80	0.71	0.63	0.64	0.62
Power Supply	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *2						
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V						
	Indoor - Outdoor S2 - S3		DC12-24V						
	Indoor - Remote Controller		Wireless Type (Optional Wired Controller: DC 12V)						
Indoor Unit	MCA	A	1.0						
	Fan Motor	F.L.A.	0.76						
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	DRY (CFM)	145-170-237-321-399		205-272-335-420-533	230-275-339-420-533	296-431-568-624	389-639-848	
		WET (CFM)	109-134-201-286-364		170-237-300-385-498	194-240-304-385-498	265-385-508-558	350-576-763	
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-40-49-51	32-42-49	
	External Finish Color		Munsell No. 1.0Y 9.2 / 0.2						
	Dimension Unit	W: In.	31-7/16				43-5/16	46-1/16	
		D: In.	9-1/8				10-1/4	11-5/8	
		H: In.	11-5/8				12-13/16	14-3/8	
	Weight Unit	Lbs.	22				37	40	
	Field Drainpipe Size O.D.	In.	5/8						
Outdoor Unit	MCA	A	12			14	17	21	
	MOCP	A	15				20	25	
	Fan Motor	F.L.A.	0.50			0.93			
	Compressor	Model (Type)	DC INVERTER-driven		DC INVERTER-driven Twin Rotary				
		R.L.A.	6.6		7.4	10.0	12.8	16	
		L.R.A.	8.2		9.3	12.5	16.0	20	
	Airflow (Cooling)	CFM	1,151	1,229	1,243	1,730	1,729	1,941	
	Refrigerant Control		Linear Expansion Valve						
	Sound Pressure Level at Cooling *1	dB(A)	46	49		54	55		56
	External Finish Color		Munsell No. 3Y 7.8 / 1.1						
	Dimensions	W: In.	31-1/2			33-1/16			
		D: In.	11-1/4			13	13	13	
		H: In.	21-5/8			33-7/16	33-7/16	33-7/16	
	Weight	Lbs.	66	77	80	119	117	141	
Remote Controller	Type		Wireless Remote (Optional Wired Controller)						
Refrigerant	Type		R410A						
	Charge	Lbs., Oz.	1, 12	2, 9		3, 7	4	4, 10	
	Oil	Type (fl. oz.)	NEO22 (10.8)		NEO22 (15.2)			NEO22 (29.5)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2		5/8		
	Liquid Side O.D.	In.	1/4		1/4			3/8	
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			50			
	Length (Max.)	Ft.	65			100			
Connection Method	Indoor/Outdoor		Flared/Flared						

NOTES: Test conditions are based on AHRI 210/240.

*1 Rating conditions (cooling) - Indoor D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

(MSZ-FE12NA MODEL SHOWN)

INVERTER

R410A

MSZ HEAT PUMP

Model Name			MSZ-GE09NA	MSZ-FE09NA	MSZ-GE12NA	MSZ-FE12NA
	Outdoor Unit		MUZ-GE09NA	MUZ-FE09NA	MUZ-GE12NA	MUZ-FE12NA
Cooling *1	Rated Capacity	Btu/h	9,000	9,000	12,000	12,000
	Capacity Range	Btu/h	3,800-12,200	2,800-9,000	3,800-13,600	2,800-12,000
	Total Input	W	660 (205-1,200)	580 (160-650)	960 (205-1,300)	930 (160-960)
	Energy Efficiency	SEER	21	26	20.5	23
	Moisture Removal	Pints/h	1.5	2.1	2.5	2.9
	Sensible Heat Factor		0.82	0.76	0.74	0.73
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	10,900	14,400	13,600
	Capacity Range	Btu/h	4,500-14,100	3,000-18,000	5,500-18,100	3,000-21,000
	Total Input	W	760 (255-1,200)	710 (150-2,250)	1,170 (340-1,660)	950 (150-2,250)
	HSPF (IV)	Btu/h/W	10			10.6
Heating at 17° F *3	Rated Capacity	Btu/h	6,600	6,700	8,800	8,300
	Rated Total Input	W	700	650	900	800
	Maximum Capacity	Btu/h	8,700	12,500 (10,900 @ 5˚ F)	11,200	13,600 (12,500 @ 5˚ F)
Power Supply	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *4			
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V			
	Indoor - Outdoor S2 - S3		DC12-24V			
	Indoor - Remote Controller		Wireless Type (Optional Wired Controller: DC 12V)			
Indoor Unit	MCA	A	1.0			
	Fan Motor	F.L.A.	0.76			
	Airflow at Cooling (Lo-Med-Hi-Super HI-Powerful) *1	DRY (CFM)	145-170-237-321-399	162-226-339-381	145-170-237-321-399	162-226-381-410
		WET (CFM)	109-134-201-286-364	144-202-307-343	109-134-201-286-364	144-202-350-367
	Airflow at Heating (Lo-Med-Hi-Super HI-Powerful) *2	WET (CFM)	145-170-237-321-406	166-240-367-381	145-170-237-321-406	166-240-399-420
	Sound Pressure Level at Cooling (Lo-Med-Hi-Super HI-Powerful) *1	dB(A)	19-22-30-37-43	22-31-39-42	19-22-30-37-45	22-33-43-45
	Sound Pressure Level at Heating (Lo-Med-Hi-Super HI-Powerful) *2	dB(A)	19-22-30-37-43	22-31-40-42	19-22-30-37-43	22-33-43-44
	External Finish Color		Munsell No. 1.0Y 9.2 / 0.2			
	Dimension Unit	W: In.	31-7/16			
		D: In.	9-1/8	10-1/8	9-1/8	10-1/8
		H: In.	11-5/8			
	Weight Unit	Lbs.	22	27	22	27
	Field Drainpipe Size O.D.	In.	5/8			
Outdoor Unit	MCA	A	12			
	MOCP	A	15			
	Fan Motor	F.L.A.	0.50	0.56	0.50	0.56
	Compressor	Model (Type)	DC INVERTER-driven	DC INVERTER-driven Twin Rotary	DC INVERTER-driven	DC INVERTER-driven Twin Rotary
		R.L.A.	6.6	8.6	6.6	8.6
		L.R.A.	8.2	10.8	8.2	10.8
	Airflow (Cooling/Heating)	CFM	1,151 / 1,225	1,102 / 1,187	1,229 / 1,172	1,102 / 1,187
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	Sound Pressure Level at Cooling *1	dB(A)	46	48	49	48
	Sound Pressure Level at Heating *2	dB(A)	50	49	51	49
	External Finish Color		Munsell No. 3Y 7.8 / 1.1			
	Dimensions	W: In.	31-1/2			
		D: In.	11-1/4			
		H: In.	21-5/8			
	Weight	Lbs.	66	80	77	80
Remote Controller	Type		Wireless Remote (Optional Wired Controller)			
Refrigerant	Type		R410A			
	Charge	Lbs., Oz.	1, 12	2, 9		
	Oil	Type (fl. oz.)	NEO22 (10.8)			
Refrigerant Pipe	Gas Side O.D.	In.	3/8			
	Liquid Side O.D.	In.	1/4			
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			
	Length (Max.)	Ft.	65			
Connection Method	Indoor/Outdoor		Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.

*1 Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

(MSY(Z)-D30NA MODEL SHOWN)

INVERTER

R410A

MSZ HEAT PUMP (CONT.)

ENERGY STAR TAX CREDIT

Model Name	Indoor Unit		MSZ-GE15NA	MSZ-GE18NA	MSZ-GA24NA	MSZ-D30NA	MSZ-D36NA
	Outdoor Unit		MUZ-GE15NA	MUZ-GE18NA	MUZ-GA24NA	MUZ-D30NA	MUZ-D36NA
Cooling *1	Rated Capacity	Btu/h	14,000	17,200	22,000	30,700	33,200
	Capacity Range	Btu/h	3,100-18,200	3,700-18,700	4,400-22,000	9,800-30,700	9,800-33,200
	Total Input	W	1,080 (160-2,000)	1,640 (240-2,070)	2,500 (270-2,500)	3,850 (620-3,850)	4,360 (620-4,360)
	Energy Efficiency	SEER	21	19.2	17.5	14.5	
	Moisture Removal	Pints/h	2.7	4.6	7.3	9.9	11.3
	Sensible Heat Factor		0.80	0.71	0.63	0.64	0.62
Heating at 47º F *2	Rated Capacity	Btu/h	18,000	21,600	23,200	32,600	35,200
	Capacity Range	Btu/h	4,800-20,900	3,500-25,200	3,600-24,400	8,700-34,000	8,700-36,000
	Total Input	W	1,600 (270-2,010)	1,900 (230-2,680)	2,140 (250-2,520)	3,360 (520-3,600)	3,840 (520-4,100)
	HSPF (Region IV)	Btu/h/W	10	10	9.5	8.2	
Heating at 17º F *3	Rated Capacity	Btu/h	11,300	13,400	14,000	19,500	21,800
	Total Input	W	1,150	1,450	1,635	2,400	2,820
	Maximum Capacity	Btu/h	15,900	17,200	15,200	20,800	22,800
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V *4				
Voltage	Indoor - Outdoor S1-S2		AC 208 / 230V				
	Indoor - Outdoor S2-S3		DC12-24				
	Indoor - Remote Controller		Wireless Type (Optional Wired Controller: DC12V)				
Indoor Unit	MCA	A	1.0				
	Fan Motor	F.L.A.	0.76				
	Airflow (Cool) (Lo-Med-Hi-Super HI-Powerful) *1	DRY (CFM)	205-272-335-420-533	230-275-339-420-533	296-431-568-624	389-639-848	
		WET (CFM)	170-237-300-385-498	194-240-304-385-498	265-385-508-558	350-576-763	
	Airflow (Heat) (Lo-Med-Hi-Super HI-Powerful) *2	DRY (CFM)	205-247-304-367-463	230-275-339-431-512	350-486-568-590	445-639-848	
	Sound Pressure Level (Cooling) (Lo-Med-Hi-Super HI-Powerful) *1	dB(A)	26-32-38-44-49	28-33-38-44-49	34-40-49-51	32-42-49	
	Sound Level Pressure (Heating) (Lo-Med-Hi-Super HI-Powerful) *2		26-30-35-40-46	28-33-38-43-48	34-40-48-49	34-42-49	
	External Finish Color		Munsell No. 1.0Y 9.2/0.2				
	Dimension Unit	W: In.	31-7/16		43-5/16	46-1/16	
		D: In.	9-1/8		10-1/4	11-5/8	
		H: In.	11-5/8		12-13/16	14-3/8	
	Weight Unit	Lbs.	22		37	40	
	Field Drainpipe Size O.D.	In.	5/8				
Outdoor Unit	MCA	A	12	14	17	21	
	MOCP	A	15		20	25	
	Fan Motor	F.L.A.	0.50	0.93			
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary				
		R.L.A.	7.4	10.0	12.8	16	
		L.R.A.	9.3	12.5	16.0	20	
	Airflow	CFM	1,243 / 1,229	1,730 / 1,659	1,729 / 1,660	1,941	
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound Pressure Level	dB(A) *1	49	54	55		56
	External Finish Color		Munsell No. 3Y 7.8/1.1				
	Dimensions	W: In.	31-1/2	33-1/16			
		D: In.	11-1/4	13			
		H: In.	21-5/8	33-7/16			
	Weight	Lbs.	80	119	117	141	
Remote Controller	Type		Wireless Remote (Optional Wired Controller)				
Refrigerant	Type		R410A				
	Charge	Lbs., Oz.	2, 9	3, 7	4	4, 10	
	Oil	Type (Fl. Oz.)	NE022 (15.2)		NEO 22(15.2)	NE022 (29)	
Refrigerant Pipe	Gas Side O.D.	In.	1/2		5/8		
	Liquid Side O.D.		1/4			3/8	
	Height Difference (Max.)	Ft.	40	50			
	Length (Max.)		65	100			
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

*1 Rating conditions (cooling)-Indoor: D.B. 80º F (27º C), W.B. 67º F (19º C); Outdoor: D.B. 95º F (35º C), W.B. 75º F (24º C).

*2 Rating conditions (heating)-Indoor: D.B. 70º F (21º C), W.B. 60º F (16º C); Outdoor: D.B. 47º F (8º C), W.B. 43º F (6º C).

*3 Rating conditions (heating)-Indoor: D.B. 70º F (21º C), W.B. 60º F (16º C); Outdoor: D.B. 17º F (-8º C), W.B. 15º F (-9º C).

*4 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

MULTIPLE ROOMS WITH INDIVIDUAL CONTROL FROM A SINGLE SYSTEM

With a multi-room system, you can enjoy your ideal level of comfort in the most important rooms in your home. Each room (zone) operates independently. People in difference rooms – the kitchen, master bedroom or living room – can enjoy temperature settings that make each of them most comfortable.

If you're looking for a complete comfort solution for several different rooms, the MXZ multi-room system is the right choice. The system is flexible enough to conform to your particular cooling and heating needs, with over 40 different indoor unit combinations, up to four indoor units connected to one outdoor unit. And now, with a SEZ horizontal ducted unit, you can enjoy an even greater range of zoning options provided by an MXZ system.

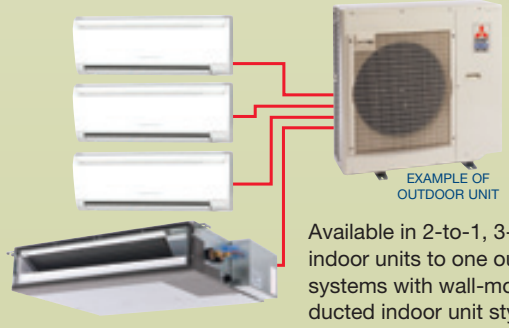
An MXZ multi-room system is an excellent choice for supplementing capacity to your current system or to condition newly finished spaces or new additions. You can also benefit from lower energy costs year-round while staying comfortable, thanks to Mitsubishi's energy-efficient technologies.

The new dual-zone MXZ-2B20 system with two MSZ-GE09 wall-mounted indoor units also qualifies for both ENERGY STAR® and the Federal Tax Credit.

At right: a single level home with several system types represented.
(For illustrative purposes only.)

To find out which system is the best solution for you, contact your local Mitsubishi Diamond Dealer for an in-home evaluation.

MXZ Multi-Room Systems



Available in 2-to-1, 3-to-1 and 4-to-1 indoor units to one outdoor unit systems with wall-mounted and/or ducted indoor unit styles in a wide range of capacities, the MXZ multi-room system has the right solution for your needs.

MSZ Wall-Mounted Indoor Units for MXZ Heat Pump Systems

Providing a wide range of cooling and heating capacities, each wall-mounted indoor unit mounts high on a wall and connects to the outdoor unit by a refrigerant line run via a 3″ hole. The MSZ units provide highly efficient solutions to cooling and heating needs, and provide personalized comfort for the individual zones in which they are installed.

Features of the MSZ units on MXZ systems include:
- Sleek, flat panel design
- Hot-start technology
- Quiet operation
- i-see™ sensor technology (MSZ-FE only)
- Enhanced filtration system
- Wireless remote control

MSZ Indoor Unit

MUZ Outdoor Unit

SEZ Horizontal Ducted Indoor Units for MXZ Heat Pump Systems

SEZ ducted units can provide similar split air-conditioning system advantages, with the added benefit of being concealed to provide virtually no visual footprint within the conditioned space other than a register and grille for the air to flow. With the use of short run ductwork, these units can provide comfort to a single room that needs air dispersed evenly throughout the space, unusually shaped rooms and even adjacent rooms.

Other features of the SEZ unit on MXZ systems include:
- Concealed design for short run ductwork
- Quiet operation
- Built-in condensate lift mechanism
- Wired remote control

MULTI-ROOM MXZ INVERTER HEAT PUMP

Model Name	Outdoor Unit			MXZ-2A20NA *5	MXZ-3A30NA *6	MXZ-4A36NA *7
Outdoor Unit	Cooling *1 Non-ducted/Ducted	Rated Capacity	Btu/h	20,000/20,000	28,400/27,400	36,000/34,400
		Capacity Range	Btu/h	7,800-20,000	12,600-28,400	12,600-36,400
		Total Input	W	2,150 (630-2,150)	3,250 (1,000-3,330)	3,820 (1,000-4,020)
	Heating at 47° F *2 Non-ducted/Ducted	Rated Capacity	Btu/h	22,000/22,000	28,600/27,600	36,000/34,400
		Capacity Range	Btu/h	8,500-22,000	11,400-36,000	11,400-43,000
		Total Input	W	1,780 (520-1,780)	2,180 (740-2,880)	3,100 (740-4,350)
	Heating at 17° F *3 Non-ducted/Ducted	Rated Capacity	Btu/h	14,500/12,500	16,000/15,100	19,400/20,300
		Total Input	W	1,500/1,430	1,690/1,590	2,330/2,340
		Maximum Capacity	Btu/h	14,500/12,500	18,800/18,000	24,600/25,400
		Maximum Total Input	W	1,500/1,430	2,120/2,140	3,340/3,450
Power Supply	Phase,Cycle,Voltage			1 Phase, 60Hz, 208 / 230V *8		
Voltage	Indoor - Outdoor S1-S2			AC 208-230V		
	Indoor - Outdoor S2-S3			DC12-24V		
Outdoor Unit *4	MCA		A	15		19
	MOCP		A	20		
	Fan Motor		F.L.A.	0.96	0.93	
	Compressor		Model (Type)	DC INVERTER-driven Twin Rotary		
			R.L.A.	10.1	11	14.4
			L.R.A.	15		
	Airflow (Cooling/Heating) *1/*2		CFM	1,485/1,640	1,365/1,605	2,068/2,068
	Refrigerant Control			Linear Expansion Valve		
	Defrost Method			Reverse Cycle		
	Sound Pressure Level (Cooling/Heating) *1/*2		dB(A)	49/51	49/49	54/57
	External Finish Color			Munsell No. 5Y 8/1	Munsell No. 3Y 7.8/1.1	
	Dimensions		W: In.	33-1/16	35-7/16	
			D: In.	13 (+1-3/16)	12-5/8 (+1-3/16)	
			H: In.	27-15/16	35-7/16	
	Weight		Lbs.	130	148	150
Remote Controller	Type			Associated With Indoor Unit Model		
Refrigerant	Type			R410A		
	Charge		Lbs., Oz.	5,15	7,11	8,13
	Oil		Type (Fl. Oz.)	NEO22 (23.7)	NEO22 (29.4)	
Refrigerant Pipe	Gas Side O.D.		In.	A, B: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C, D: 3/8
	Liquid Side O.D.			1/4		
	Height Difference (Max.)		Ft.	49/33 *9		
	Length (Max.)			164 (A+B)	230 (A+B+C)	230 (A+B+C+D)
	Length (Each Indoor Unit)			82		
Connection Method	Indoor/Outdoor			Flared/Flared		

*Compatible with the MSZ-A, MSZ-FD and SEZ series indoor units

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. **Systems actually exhibit higher energy efficiencies during normal operation.**

*1 Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4 Refer to pages 12 and 13 for Indoor Unit specifications.

*5 Data from combination of Indoor Units MSZ-A09NA and MSZ-A12NA.

*6 Data from combination of Indoor Units MSZ-A09NA, MSZ-A09NA and MSZ-A12NA.

*7 Data from combination of four MSZ-A09NA Indoor Units.

*8 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

*9 49' Applies to installations where the outdoor unit is installed below the indoor unit.

Power factor equals 97 percent.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

Rated Combinations

The charts below indicate the rated capacities for each of the MXZ systems.

With the addition of ducted indoor units to the MXZ-Series, the number of available combinations has greatly expanded. The installation specifications and rated capacities vary on systems using wall-mounted only (MSZ-A and/or MSZ-FD), ducted only or a combination of unit styles.

MXZ-2A20NA Combinations

9 + 9
9 + 12
9 + 15
12 + 12

MXZ-3A30NA Combinations

9 + 9
9 + 12
9 + 15
9 + 17 or 18
9 + 24
12 + 12
12 + 15
12 + 17 or 18
15 + 15
15 + 17 or 18
17 or 18 + 17 or 18
9 + 9 + 9
9 + 9 + 12
9 + 9 + 15
9 + 9 + 17 or 18

MXZ-4A36NA Combinations

9 + 9 + 9
9 + 9 + 12
9 + 9 + 15
9 + 9 + 17 or 18
9 + 9 + 24
9 + 12 + 12
9 + 2 + 15
9 + 12 + 17 or 18
9 + 15 + 15
9 + 15 + 17 or 18
9 + 17 + 17 or 18
12 + 12 + 12
12 + 12 + 15
12 + 12 + 17 or 18
12 + 15 + 17 or 18
9 + 9 + 9 + 9
9 + 9 + 9 + 12
9 + 9 + 9 + 15
9 + 9 + 12 + 12

SEER and HSPF Ratings

Model	Indoor Unit Type	SEER	HSPF
MXZ-2A20NA	Non-ducted	16	8.5
	Ducted and Non-ducted	15.5	8.5
	Ducted	15.5	8.5
MXZ-3A30NA	Non-ducted	16	10
	Ducted and Non-ducted	15.2	9.7
	Ducted	14.5	9.5
MXZ-4A36NA	Non-ducted	16	8.5
	Ducted and Non-ducted	15.5	8.75
	Ducted	15	9

MSZ WALL-MOUNTED INDOOR UNITS
(FOR MXZ-2A20/3A30/4A36NA OUTDOOR UNITS)

INVERTER

R410A

Model Name	Indoor Unit		MSZ-A09NA	MSZ-FD09NA	MSZ-A12NA	MSZ-FD12NA	MSZ-A15NA	MSZ-A17NA	MSZ-A24NA
	Outdoor Unit		For Use with all MXZ-Series						
Cooling *1	Rated Capacity	Btu/h	9,000	9,000	12,000	12,000	15,000	16,200	22,000
	Total Input	W	16	18	21	24	30	30	53
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	10,900	13,600	13,600	18,000	20,100	23,200
	Total Input	W	16	24	21	30	30	30	53
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V *4						
Voltage	Indoor - Outdoor S1-S2		AC 208-230V						
	Indoor - Outdoor S2-S3		DC12-24V						
	Indoor - Remote Controller		Wireless Type (Optional Wired Controller: DC12V)						
	MCA *4	A	1.0						
Fan	Fan Motor	F.L.A.	0.76						
	Airflow (Cool) (Lo-Med-Hi) *1	DRY (CFM)	152-229-307	162-226-339	152-240-353	162-226-381	268-328-381		296-431-568
		WET (CFM)	134-205-275	144-202-307	134-215-318	144-202-350	240-293-342		265-385-508
	Airflow (Heat) (Lo-Med-Hi) *2	DRY (CFM)	159-222-307	166-240-367	159-240-353	166-240-399	254-314-381		296-486-568
Sound Pressure Level (Cooling) (Lo-Med-Hi) *1		dB(A)	22-33-38	22-31-39	22-34-42	22-33-43	34-40-45	34-40-46	34-40-49
Sound Level Pressure (Heating) (Lo-Med-Hi) *2			22-33-38	22-31-40	22-34-42	22-33-43	34-38-44		34-40-48
External Finish Color			Munsell No. 1.0Y 9.2/0.2						
Dimension		W: In.	30-11/16	31-7/16	30-11/16	31-7/16	30-11/16		43-5/16
		D: In.	8-1/4	10-1/8	8-1/4	10-1/8	8-1/4		10-1/4
		H: In.	11-3/4	11-5/8	11-3/4	11-5/8	11-3/4		12-13/16
Weight		Lbs.	23	27	23	27	23		37
Field Drainpipe Size		In.	O.D.: 5/8						
Remote Controller	Type		Wireless Remote (Optional Wired Controller)						
Refrigerant	Type		R410A						
Refrigerant Pipe	Gas Side O.D.	In.	3/8				1/2		5/8
	Liquid Side O.D.		1/4						
Connection Method	Indoor/Outdoor		Flared/Flared						

NOTES: Test conditions are based on AHRI 210/240.
*1 Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
*2 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
*3 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C).
*4 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

For data on specific indoor unit combinations, see pages 21 to 23.

SEZ DUCTED INDOOR UNIT
(FOR MXZ-2A20/2B20/3A30/4A36NA OUTDOOR UNITS)

INVERTER

R410A

Model Name	Indoor Unit		SEZ-KD09NA	SEZ-KD12NA	SEZ-KD15NA	SEZ-KD18NA
	Outdoor Unit		For Use with all MXZ-Series			
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	17,200
	Total Input	W	60	70	90	
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	13,600	18,000	20,100
	Total Input	W	40	50	70	
Power Supply	Phase, Cycle, Voltage		1-Phase, 60Hz, 208 / 230V *4			
Voltage	Indoor - Outdoor S1-S2		AC 208- 230V			
	Indoor - Outdoor S2-S3		DC24V			
	MCA *4	A	1.0			
Fan	Fan Motor Output	W	96			
	Airflow (Lo-Med-Hi)	CFM	194-247-317	247-317-388	353-441-529	423-529-635
	External Static Pressure *3	In.W.G.	0.02-0.06-0.14-0.20			
Sound Pressure Levels (Lo-Med-Hi)		dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
External Finish			Galvanized-steel Sheets			
Dimension		W: In.	31-1/8	39		46-7/8
		D: In.	27-9/16			
		H: In.	7-7/8			
Weight		Lbs.	40	46	51	60
Drain Lift Mechanism (Included)		H: In.	21-11/16			
Field Drainpipe Size		In.	O.D.: 1-1/4			
Remote Controller	Type		Wired Controller (PAR-21MAA)			
Refrigerant	Type		R410A			
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.		1/4			
Connection Method			Flared/Flare			

Notes:
*1 Cooling-Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).

*2 Heating-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).

*3 External static pressure is factory set to 0.06" W.G. Adjustable via the PAR-21MAA

*4 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY Seven-year warranty on compressor. Five-year warranty on parts.

**For data on specific indoor unit combinations, see page 21 - 23

Multiple Rooms With An Added Bonus

ENERGY STAR PARTNER

The MXZ-2B20NA system, when combined with two MSZ-GE09NA indoor units, is ENERGY STAR rated and qualifies for the government's Economic Stimulus Tax Credit of up to $1,500.

This is only the start. The system continues to be rated with a wide variety of combinations of indoor units to handle a number of applications.

Visit www.mitsubishicomfort.com/taxcredit for more details on the qualified systems or ask your contractor.

Visit www.dsireusa.org for any possible local rebate opportunities from state or utility companies.

MULTI-ROOM MXZ-2B20NA INVERTER HEAT PUMP

Model Name		Outdoor Unit		MXZ-2B20NA *5
Outdoor Unit	Cooling *1 Non-ducted/Ducted	Rated Capacity	Btu/h	18,000/20,000
		Capacity Range	Btu/h	7,800-20,000
		Total Input	W	2,190 (630-2,190)
	Heating at 47° F *2 Non-ducted/ Ducted	Rated Capacity	Btu/h	22,000/22,000
		Capacity Range	Btu/h	8,500-25,500
		Total Input	W	1,780 (520-1,780)
	Heating at 17° F *3 Non-ducted/ Ducted	Rated Capacity	Btu/h	12,500/12,500
		Rated Total Input	W	1,350/1,430
		Maximum Capacity	Btu/h	14,500
		Maximum Total Input	W	1,500
Power Supply		Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *8
Voltage		Indoor - Outdoor S1 - S2		AC 208 / 230V
		Indoor - Outdoor S2 - S3		DC12-24V
Outdoor Unit *4		MCA	A	15
		MOCP	A	20
		Fan Motor	F.L.A.	0.96
		Compressor	Model (Type)	DC INVERTER-driven Twin Rotary
			R.L.A.	10.1
			L.R.A.	15
		Airflow (Cooling/Heating)	CFM	1,640
		Refrigerant Control		Linear Expansion Valve
		Defrost Method		Reverse Cycle
		Sound Pressure Level at Cooling *1	dB(A)	49
		Sound Pressure Level at Heating *2	dB(A)	51
		External Finish Color		Munsell No. 5Y 8.0 / 1.0
		Dimensions	W: In.	33-1/16
			D: In.	13
			H: In.	27-15/16
		Weight	Lbs.	130
Remote Controller		Type		Associated With Indoor Unit Model
Refrigerant		Type		R410A
		Charge	Lbs., Oz.	5, 15
		Oil	Type (fl. oz.)	NE022 (23.7)
Refrigerant Pipe		Gas Side O.D.	In.	3/8
		Liquid Side O.D.	In.	1/4
Refrigerant Pipe Length		Height Difference (Max.)	Ft.	49/33
		Length (Max.)	Ft.	164
Connection Method		Indoor/Outdoor		Flared/Flared

INVERTER

R410A

*Compatible with the MSZ-A, MSZ-FD, MSZ-GE, MSZ-FE and SEZ series indoor units

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. **Systems actually exhibit higher energy efficiencies during normal operation.**

*1 Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4 Refer to pages 12 and 13 for Indoor Unit specifications.

*5 Data from combination of two Indoor Units MSZ-GE09NA.

*6 Data from combination of Indoor Units MSZ-A09NA, MSZ-A09NA and MSZ-A12NA.

*7 Data from combination of four MSZ-A09NA Indoor Units.

*8 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

*9 49' Applies to installations where the outdoor unit is installed below the indoor unit.

Power factor equals 97 percent.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

Rated Combinations

The charts below indicate the rated capacities for each of the MXZ systems.

With the addition of ducted indoor units to the MXZ-Series, the number of available combinations has greatly expanded. The installation specifications and rated capacities vary on systems using wall-mounted only (MSZ-GE and/or MSZ-FE), ducted only (SEZ-KD) or a combination of unit styles.

MXZ-2B20NA Combinations

9 + 9
9 + 12
9 + 15
12 + 12

SEER and HSPF Ratings

Model	Indoor Unit Type	SEER	HSPF
MXZ-2B20NA	Non-ducted	16	8.5
	Ducted and Non-ducted	15.5	8.5
	Ducted	15.5	8.5
MXZ-2B20NA ENERGY STAR & TAX CREDIT	2 x MSZ-GE09NA	18	8.9

MSZ WALL-MOUNTED INDOOR UNITS
(FOR MXZ-2B20NA OUTDOOR UNIT)

INVERTER

R410A

Model Name	Indoor Unit		MSZ-GE09NA	MSZ-FE09NA	MSZ-GE12NA	MSZ-FE12NA	MSZ-GE15NA	MSZ-GE18NA
Cooling *1	Rated Capacity	Btu/h	9,000	9,000	12,000	12,000	14,000	17,200
	Total Input	W	22	18	22	24	45	43
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	10,900	14,400	13,600	18,000	21,600
	Total Input	W	23	24	23	30	31	37
Power Supply	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *3					
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V					
	Indoor - Outdoor S2 - S3		DC12-24V					
	Indoor - Remote Controller		Wireless Type (Optional Wired Controller: DC 12V)					
	MCA	A	1.0					
Fan	Fan Motor	F.L.A.	0.76					
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi or Lo-Med-Hi-Powerful)*1	DRY (CFM)	145-170-237-321-399	162-226-339-381	145-170-237-321-399	162-226-381-410	205-272-335-420-533	230-275-339-420-533
		WET (CFM)	109-134-201-286-364	144-202-307-343	109-134-201-286-364	144-202-350-367	170-237-300-385-498	194-240-304-385-498
	Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi or Lo-Med-Hi-Powerful) *2	WET (CFM)	145-170-237-321-406	166-240-367-381	145-170-237-321-406	166-240-399-420	205-247-304-367-463	230-275-339-431-512
Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi or Lo-Med-Hi-Powerful) *1		dB(A)	19-22-30-37-43	22-31-39-42	19-22-30-37-45	22-33-43-45	26-32-38-44-49	28-33-38-44-49
Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi or Lo-Med-Hi-Powerful) *2		dB(A)	19-22-30-37-43	22-31-40-42	19-22-30-37-43	22-23-43-44	26-30-35-40-46	28-33-38-43-48
External Finish Color			Munsell No. 1.0Y 9.2 / 0.2					
Dimension Unit		W: In.	31-7/16					
		D: In.	9-1/8	10-1/8	9-1/8	10-1/8	9-1/8	
		H: In.	11-5/8					
Weight Unit		Lbs.	22	27	22	27	22	
Field Drainpipe Size O.D.		In.	5/8					
Remote Controller	Type		Wireless Remote (Optional Wired Controller)					
Refrigerant	Type		R410A					
Refrigerant Pipe	Gas Side O.D.	In.	3/8				1/2	
	Liquid Side O.D.	In.	1/4					
Connection Method	Indoor/Outdoor		Flared/Flared					

*MXZ-2B20NA is also compatible with the MSZ-A and MSZ-FD series indoor units.
NOTES: Test conditions are based on AHRI 210/240.
*1 Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
*2 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
*3 Indoor units receive power from outdoor units through field-supplied wiring.
Specifications are subject to change without notice.
LIMITED WARRANTY Seven-year warranty on compressor. Five-year warranty on parts.
For data on specific indoor unit combinations, see pages 21.

SEZ DUCTED INDOOR UNIT
(FOR MXZ-2A20/2B20/3A30/4A36NA OUTDOOR UNITS)

INVERTER

R410A

Model Name	Indoor Unit / Outdoor Unit		SEZ-KD09NA	SEZ-KD12NA	SEZ-KD15NA	SEZ-KD18NA
			For Use with all MXZ-Series			
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	17,200
	Total Input	W	60	70	90	
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	13,600	18,000	20,100
	Total Input	W	40	50	70	
Power Supply	Phase, Cycle, Voltage		1-Phase, 60Hz, 208 / 230V *4			
Voltage	Indoor - Outdoor S1-S2		AC 208-230V			
	Indoor - Outdoor S2-S3		DC24V			
	MCA *4	A	1.0			
Fan	Fan Motor Output	W	96			
	Airflow (Lo-Med-Hi)	CFM	194-247-317	247-317-388	353-441-529	423-529-635
	External Static Pressure *3	In.W.G.	0.02-0.06-0.14-0.20			
Sound Pressure Levels (Lo-Med-Hi)		dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
External Finish			Galvanized-steel Sheets			
Dimension		W: In.	31-1/8	39		46-7/8
		D: In.	27-9/16			
		H: In.	7-7/8			
Weight		Lbs.	40	46	51	60
Drain Lift Mechanism (Included)		H: In.	21-11/16			
Field Drainpipe Size		In.	O.D.: 1-1/4			
Remote Controller	Type		Wired Controller (PAR-21MAA)			
Refrigerant	Type		R410A			
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.		1/4			
Connection Method			Flared/Flare			

Notes:
*1 Cooling-Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).

*2 Heating-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).

*3 External static pressure is factory set to 0.06" W.G. Adjustable via the PAR-21MAA

*4 Indoor units receive power from outdoor units through field supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY Seven-year warranty on compressor. Five-year warranty on parts.

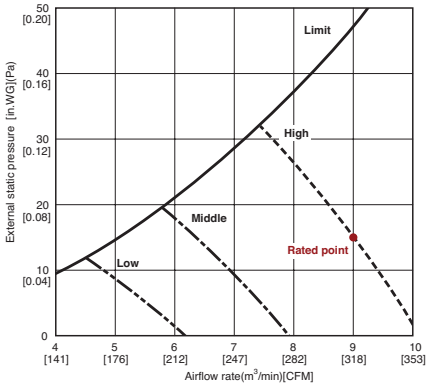
**For data on specific indoor unit combinations, see page 21 - 23

SEZ STATIC PERFORMANCE CURVES

(SEZ-KD12NA MODEL SHOWN)

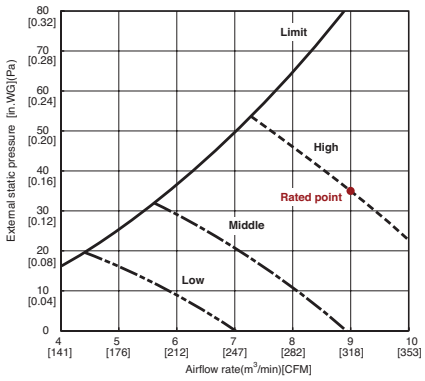
SEZ-KD09NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



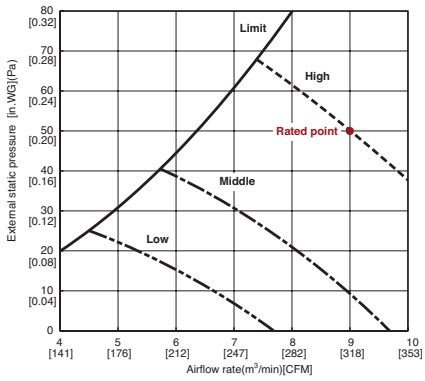
SEZ-KD09NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



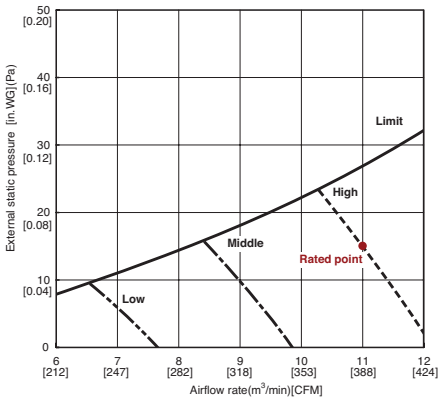
SEZ-KD09NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



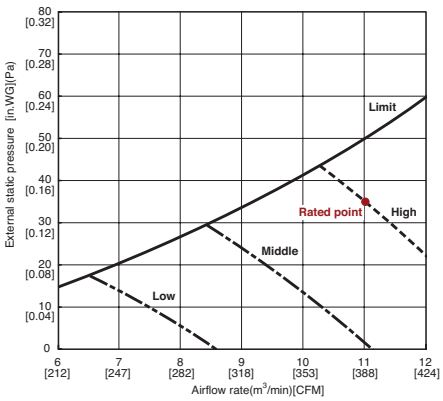
SEZ-KD12NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



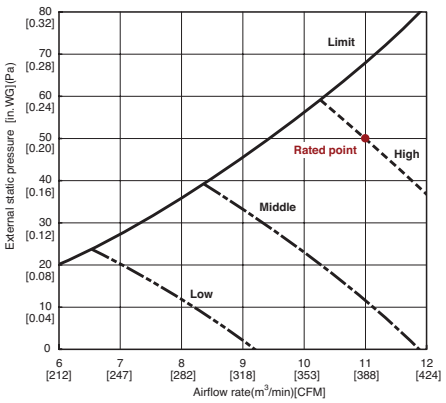
SEZ-KD12NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



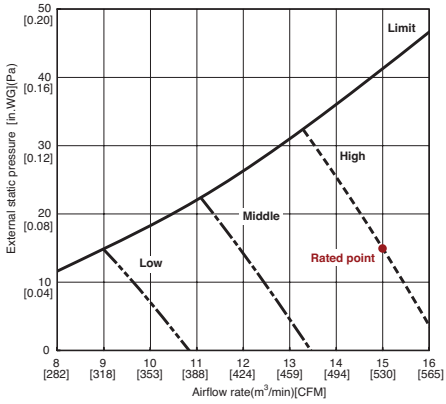
SEZ-KD12NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



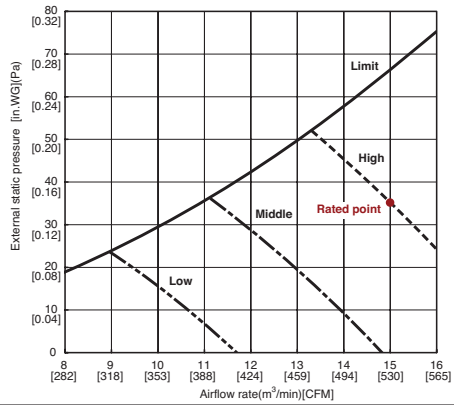
SEZ-KD15NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



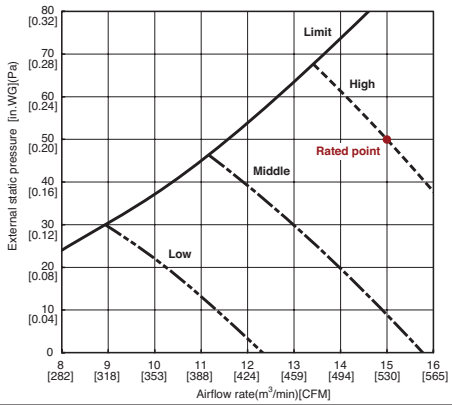
SEZ-KD15NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



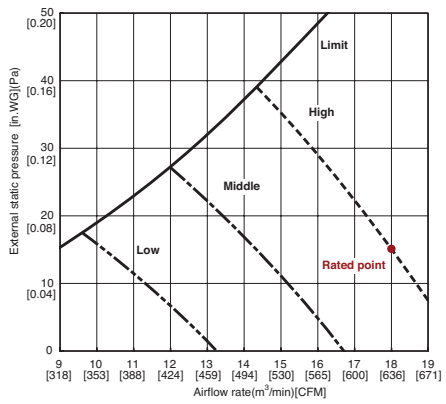
SEZ-KD15NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



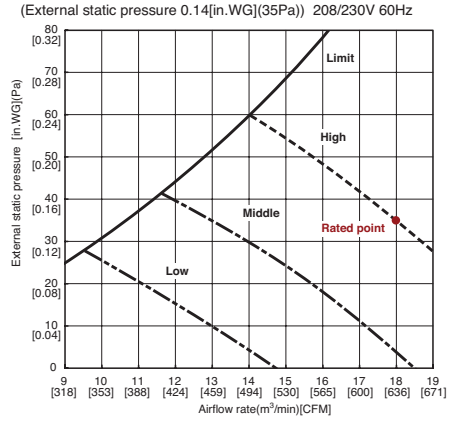
SEZ-KD18NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



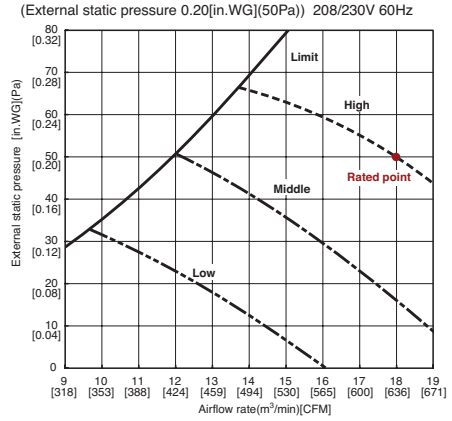
SEZ-KD18NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



SEZ-KD18NA

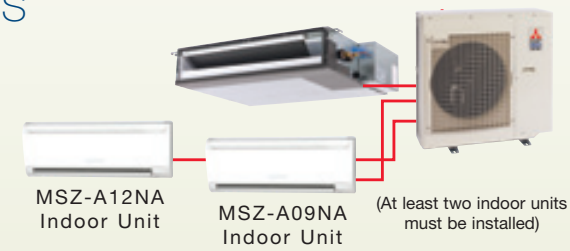
(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



Note: ESP @ 208/230V, 60 Hz. See manual for Static Performance Curve, including @ 0.02 in W.G.

MXZ SYSTEM COMBINATION OPTIONS

MXZ-3A30NA (3:1, 2:1)
Outdoor Unit



MSZ-A12NA
Indoor Unit

MSZ-A09NA
Indoor Unit

(At least two indoor units must be installed)

MXZ-2A20NA Combinations*

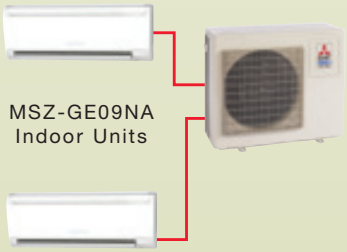
(using MSZ-A and/or MSZ-FD wall-mounted indoor units and/or SEZ ducted indoor units)

Indoor Unit (Unit A + Unit B) Combinations	Cooling Capacity (Btu/h) / Heating Capacity (Btu/h)			Power Usage (W)
	Unit A	Unit B	Total	
9 + 9	9,000	9,000	18,000	1,740-1,780
	10,900	10,900	21,800	1,820
9 + 12	8,500	11,500	20,000 22,000	2,150-2,190 1,780
	9,500	12,500		
9 + 15	7,500	12,500		
	8,250	13,750		
12 + 12	10,000	10,000		
	11,000	11,000		

* Information provided at 208/230V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination.

Specifications are subject to change without notice.

MXZ-2B20NA (2:1)
Outdoor Unit



MSZ-GE09NA
Indoor Units

(Two indoor units must be installed)

MXZ-2B20NA Combinations*

(using MSZ-GE and/or MSZ-FE wall-mounted indoor units and/or SEZ ducted indoor units)

Indoor Unit (Unit A + Unit B) Combinations	Cooling Capacity (Btu/h) / Heating Capacity (Btu/h)			Power Usage (W)
	Unit A	Unit B	Total	
9 + 9	9,000	9,000	18,000	1,440 - 1,780
	Wall: 11,000 Ducted: 10,900	Wall: 11,000 Ducted: 10,900	22,000 (All Wall-mounted MSZ) 21,800 (All Ducted SEZ) 21,900 (Combination)	1,650 - 1,820
9 + 12	8,500	11,500	18,000 22,000	1,660 - 2,190 1,650 - 1,780
	9,500	12,500		
9 + 15	7,500	12,500		
	8,250	13,750		
12 + 12	10,000	10,000		1,630 - 2,190 1,650 - 1,780
	11,000	11,000		

* Information provided at 208/230V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination.

Specifications are subject to change without notice.

MXZ-3A30NA Combinations*

(using MSZ-A and/or MSZ-FD wall-mounted indoor units and/or SEZ ducted indoor units)

Indoor Unit (Unit A + Unit B + Unit C) Combinations **	Cooling Capacity (Btu/h) / Heating Capacity (Btu/h)				Power Usage (W)
	Unit A	Unit B	Unit C	Total	
9 + 9	9,000	9,000	–	18,000	1,800 - 1,840
	10,900	10,900	–	21,800	1,700
9 + 12	9,000	12,000	–	21,000	2,000 - 2,040
	10,900	13,600	–	24,500	1,980
9 + 15	9,000	15,000	–	24,000	2,500 - 2,540
	10,100	16,900	–	27,000	2,200
9 + 17	9,000	16,200	–	25,200	2,700 - 2,720
	9,300	17,700	–	27,00	2,200
9 + 18	8,900	17,100	–	26,000	2,820 - 2,840
	9,000	18,000	–	27,000	2,200
9 + 24	7,600	20,400	–	28,000	3,200 - 3,220
	7,300	19,700	–	27,000	1,980
12 + 12	12,000	12,000	–	24,000	2,500 - 2,540
	13,500	13,500	–	27,000	2,200
12 + 15	11,500	14,500	–	26,000 27,000	2,800 - 2,840
	12,000	15,000	–		2,160
12 + 17	10,800	15,200	–		2,800 - 2,820
	11,200	15,800	–		2,140
12 + 18	10,400	15,600	–		2,820 - 2,840
	10,800	16,200	–		2,140
15 + 15	13,000	13,000	–		2,800 - 2,840
	13,500	13,500	–		2,120
15 + 17	12,200	13,800	–		2,800 - 2,820
	12,700	14,300	–		2,110
15 + 18	11,800	14,200	–		2,820 - 2,840
	12,300	14,700	–		2,110
17 + 17	13,000	13,000	–		2,800
	13,500	13,500	–		2,100
17 + 18	12,600	13,400	–		2,820
	13,100	13,900	–		2,100
18 + 18	13,000	13,000	–		2,840
	13,500	13,500	–		2,100
9 + 9 + 9	Wall: 9,000 Ducted: 8,500	Wall: 9,000 Ducted: 8,500	Wall: 9,000 Ducted: 8,500	27,000 (All Wall-mounted MSZ) 25,500 (All Ducted SEZ) 26,500 - 26,000 (Combination)	2,860 - 2,950
	Wall: 9,500 Ducted: 9,000	Wall: 9,500 Ducted: 9,000	Wall: 9,500 Ducted: 9,000	28,500 (All Wall-mounted MSZ) 27,000 (All Ducted SEZ) 28,000 - 27,500 (Combination)	2,180 - 2,240
9 + 9 + 12	Wall: 8,500 Ducted: 8,000	Wall: 8,500 Ducted: 8,000	11,400	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 28,400 - 27,400 (Combination)	3,250 - 3,330
	Wall: 8,600 Ducted: 8,100	Wall: 8,600 Ducted: 8,100	11,400	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,600 - 27,600 (Combination)	2,180 - 2,220
9 + 9 + 15	Wall: 7,750 Ducted: 7,250	Wall: 7,750 Ducted: 7,250	12,900	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 28,400 - 27,400 (Combination)	3,250 - 3,330
	Wall: 7,800 Ducted: 7,300	Wall: 7,800 Ducted: 7,300	13,000	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,600 - 27,600 (Combination)	2,180 - 2,200
9 + 9 + 17	Wall: 7,300 Ducted: 6,800	Wall: 7,300 Ducted: 6,800	13,800	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 27,900 (Combination)	3,250 - 3,310
	Wall: 7,350 Ducted: 6,850	Wall: 7,350 Ducted: 6,850	13,900	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,100 (Combination)	2,180 - 2,220
9 + 9 + 18	Wall: 7,100 Ducted: 6,600	Wall: 7,100 Ducted: 6,600	14,200	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 27,900 (Combination)	3,270 - 3,330
	Wall: 7,200 Ducted: 6,700	Wall: 7,200 Ducted: 6,700	14,200	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,100 (Combination)	2,180 - 2,220

* Information provided at 208/230V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination.

** Sizes 17 and 24 only available in MSZ-A17 and MSZ-A24 wall-mounted indoor unit style, respectively. Size 18 only available in SEZ-KD18 ducted indoor unit style specification and additional information per indoor unit combination.

Specifications are subject to change without notice.

MXZ-4A36NA Combinations*

(using MSZ-A and/or MSZ-FD wall-mounted indoor units and/or SEZ ducted indoor units)

Indoor Unit (Unit A + Unit B + Unit C + Unit D) Combinations **	Cooling Capacity (Btu/h) Heating Capacity (Btu/h)					Power Usage (W)
	Unit A	Unit B	Unit C	Unit D	Total	
9 + 9 + 9	Wall: 9,000 Ducted: 8,500	Wall: 9,000 Ducted: 8,500	Wall: 9,000 Ducted: 8,500	–	27,000 (All Wall-mounted MSZ) 25,800 (All Ducted SEZ) 26,600 - 26,200 (Combination)	2,860 - 2,950
	Wall: 10,800 Ducted: 10,400	Wall: 10,800 Ducted: 10,400	Wall: 10,800 Ducted: 10,400	–	32,400 (All Wall-mounted MSZ) 31,200 (All Ducted SEZ) 32,000 - 31,600 (Combination)	2,700
9 + 9 + 12	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	12,000	–	30,000 (All Wall-mounted MSZ) 29,200 (All Ducted SEZ) 30,000 - 29,200 (Combination)	3,270 - 3,350
	Wall: 10,000 Ducted: 9,600	Wall: 10,000 Ducted: 9,600	12,400	–	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,400 - 31,600 (Combination)	2,700
9 + 9 + 15	Wall: 8,800 Ducted: 8,400	Wall: 8,800 Ducted: 8,400	14,500	–	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 32,100 - 31,300 (Combination)	3,500 - 3,580
	Wall: 8,900 Ducted: 8,500	Wall: 8,900 Ducted: 8,500	14,600	–	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,400 - 31,600 (Combination)	2,700
9 + 9 + 17	Wall: 8,200 Ducted: 7,800	Wall: 8,200 Ducted: 7,800	15,700	–	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 31,700 (Combination)	3,500 - 3,560
	Wall: 8,400 Ducted: 8,000	Wall: 8,400 Ducted: 8,000	15,600	–	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,000 (Combination)	2,700
9 + 9 + 18	Wall: 8,100 Ducted: 7,700	Wall: 8,100 Ducted: 7,700	15,900	–	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 31,700 (Combination)	3,520 - 3,580
	Wall: 8,100 Ducted: 7,700	Wall: 8,100 Ducted: 7,700	16,200	–	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,000 (Combination)	2,700
9 + 9 + 24	Wall: 6,900 Ducted: 6,500	Wall: 6,900 Ducted: 6,500	18,300	–	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 31,700 (Combination)	3,500 - 3,560
	Wall: 7,800 Ducted: 7,400	Wall: 7,800 Ducted: 7,400	16,800	–	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,000 (Combination)	2,700
9 + 12 + 12	Wall: 8,700 Ducted: 8,300	11,700	11,700	–	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 9,400 Ducted: 9,000	11,500	11,500	–	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 12 + 15	Wall: 8,000 Ducted: 7,600	10,700	13,400	–	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 8,300 Ducted: 7,900	10,400	13,700	–	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 12 + 17	Wall: 7,600 Ducted: 7,200	10,100	14,400	–	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,550
	Wall: 7,900 Ducted: 7,500	9,900	14,600	–	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 12 + 18	Wall: 7,500 Ducted: 7,100	10,000	14,600	–	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,520 - 3,570
	Wall: 7,600 Ducted: 7,200	9,900	14,900	–	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 15 + 15	Wall: 7,500 Ducted: 7,100	12,300	12,300		32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 7,600 Ducted: 7,200	12,400	12,400		32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 15 + 17	Wall: 7,100 Ducted: 6,700	11,700	13,300		32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 7,200 Ducted: 6,800	11,900	13,300		32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700

* Information provided at 208V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination.

** Sizes 17 and 24 only available in MSZ-A17 and MSZ-A24 wall-mounted indoor unit style, respectively. Size 18 only available in SEZ-KD18 ducted indoor unit style specification and additional information per indoor unit combination.

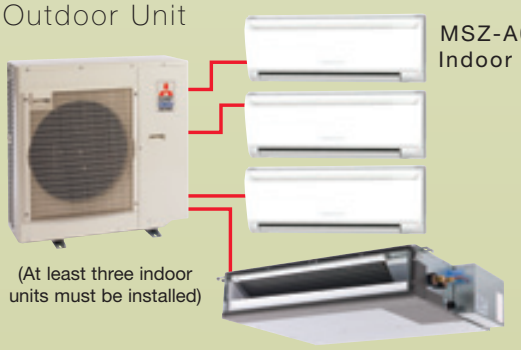
Specifications are subject to change without notice.

MXZ-4A36NA Combinations* (continued)

(using MSZ-A and/or MSZ-FD wall-mounted indoor units and/or SEZ ducted indoor units)

Indoor Unit (Unit A + Unit B + Unit C + Unit D) Combinations **	Cooling Capacity (Btu/h) / Heating Capacity (Btu/h)					Power Usage (W)
	Unit A	Unit B	Unit C	Unit D	Total	
9 + 15 + 18	Wall: 7,000 Ducted: 6,600	11,600	13,500	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 7,100 Ducted: 6,700	11,900	13,400	-	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 17 + 17	Wall: 6,700 Ducted: 6,300	12,700	12,700	-	32,100 (All Wall-mounted MSZ) 31,700 (Combination)	3,500 - 3,530
	Wall: 7,000 Ducted: 6,600	12,700	12,700	-	32,400 (All Wall-mounted MSZ) 32,000 (Combination)	2,700
9 + 17 + 18	Wall: 6,600 Ducted: 6,200	12,600	12,900	-	32,100 - 31,700 (Combination)	3,520 - 3,550
	Wall: 6,900 Ducted: 6,500	12,700	12,800	-	32,400 - 32,000 (Combination)	2,700
9 + 18 + 18	Wall: 6,500 Ducted: 6,100	12,800	12,800	-	31,700 (All Ducted SEZ) 32,100 (Combination)	3,540 - 3,570
	Wall: 6,800 Ducted: 6,400	12,800	12,800	-	32,400 - 32,000 (Combination)	2,700
12 + 12 + 12	10,700	10,700	10,700	-	32,100	3,500 - 3,560
	10,800	10,800	10,800	-	32,400	2,700
12 + 12 + 15	9,900	9,900	12,300	-	32,100	3,500 - 3,560
	9,700	9,700	13,000	-	32,400	2,700
12 + 12 + 17	9,400	9,400	13,300	-	32,100	3,500 - 3,540
	9,300	9,300	13,800	-	32,400	2,700
12 + 12 + 18	9,300	9,300	13,500	-	32,100	3,520 - 3,560
	9,200	9,200	14,000	-	32,400	2,700
12 + 15 + 15	9,100	11,500	11,500	-	32,100	3,500 - 3,560
	9,000	11,700	11,700	-	32,400	2,700
9 + 9 + 9 + 9	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	36,000 (All Wall-mounted MSZ) 34,400 (All Ducted SEZ) 35,600 - 34,800 (Combination)	3,820 - 3,940
	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	36,000 (All Wall-mounted MSZ) 34,400 (All Ducted SEZ) 35,600 - 34,800 (Combination)	3,100
9 + 9 + 9 + 12	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	11,100	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,820 - 3,930
	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	11,100	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,100
9 + 9 + 9 + 15	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	12,900	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,820 - 3,930
	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	12,900	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,100
9 + 9 + 12 + 12	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	10,300	10,300	36,000 (All Wall-mounted MSZ) 35,200 (All Ducted SEZ) 36,000 - 35,200 (Combination)	3,820 - 3,920
	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	10,300	10,300	36,000 (All Wall-mounted MSZ) 35,200 (All Ducted SEZ) 36,000 - 35,200 (Combination)	3,100

MXZ-4A36NA (3:1, 4:1)
Outdoor Unit



MSZ-A09NA
Indoor Units

(At least three indoor units must be installed)

SEZ-KD12NA
Indoor Units

* Information provided at 208V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination.

** Sizes 17 and 24 only available in MSZ-A17 and MSZ-A24 wall-mounted indoor unit style, respectively. Size 18 only available in SEZ-KD18 ducted indoor unit style specification and additional information per indoor unit combination.

Specifications are subject to change without notice.

Mitsubishi Electric Shizuoka Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO), based on a review of quality warranties for the production of air-conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

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Cooling and Heating Solutions

Mitsubishi Electric Advanced Products Division
3400 Lawrenceville Suwanee Road
Suwanee, GA 30024

Phone: 888-467-7546 Fax: 800-658-1458

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*Hyper-Heating technology Patent Pending.

See complete warranty for terms, conditions and limitations. A copy is available from Mitsubishi Electric.

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